1	I. TITLE: "SURFACE MOUNT WINDOW FOR DOORS"	
2		
3	II. BACKGROUND OF THE INVENTION	
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5	1. Field of the Invention.	
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7	The present invention relates to a surface mount window for doors,	
8	and more particularly, for garage doors.	
9		
10	2. Other Related Applications.	
11		
12	The present application is a continuation-in-part of the pending U.S.	
13	Patent Application Serial No. 10/201,762, filed on July 23, 2002 for Window	
14	Assembly for Opening Closures, which is hereby incorporated by	
15	reference.	
16		
17	3. Description of the Related Art.	
18		
19	Many designs for garage door windows have been designed in the	
20	past. None of them, however, includes a resistant and simple	
21	configuration as in the present application. The applicant has reduced the	
22	number of components of the embodiments for the invention subject of the	
23	parent application to a minimum. This distillation resulted in the most	
24	economical configuration for garage window doors that can still withstand	
25	considerable wind loads.	
26		
27	Window assemblies are typically mounted on panels. They are	
28	designed to enhance the aesthetic appeal of the closures (doors) while	

- 1 permitting daylight to go through. However, the window assemblies used
- 2 in conventional garage doors include frames that cannot withstand high
- 3 winds, such as those that develop in certain areas, such as South Florida.
- 4 Local construction codes include wind tests that require reinforcement of
- 5 these window assemblies and many times these added structures detract
- 6 from the aesthetics of the window design. Garage doors, for instance,
- typically include a number of hingedly connected panels that are moved
- 8 from a vertical position to a horizontal overhead position over tracks. The
- 9 conventional window assemblies in these doors fail to meet these tests.
- 10 Thus, the desirability of a sturdier structure but without including costly components.

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The advantages of the present invention, as it will be more fully explained in the following paragraphs, include a simple window assembly that can be readily installed around the edges of the aperture defining the window. The assembly is thus capable of retaining the transparent panel while absorbing the impact energy of high winds and flying objects.

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Other patents describing the closest subject matter provide for a number of more or less complicated features that fail to solve the problem in an efficient and economical way. None of these patents suggest the novel features of the present invention.

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III. SUMMARY OF THE INVENTION

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It is one of the main objects of the present invention to provide a window assembly that can be readily mounted through an opening in a garage door panel having cooperative dimensions.

1	It is another object of this invention to provide a window assembly
2	that can withstand high wind loads.
3	
4	It is yet another object of this invention to provide such a device that
5	is inexpensive to manufacture and maintain while retaining its
6	effectiveness.
7	
8	Further objects of the invention will be brought out in the following
9	part of the specification, wherein detailed description is for the purpose of
0	fully disclosing the invention without placing limitations thereon.
1	
12	IV. BRIEF DESCRIPTION OF THE DRAWINGS
13	,
14	With the above and other related objects in view, the invention
15	consists in the details of construction and combination of parts as will be
16	more fully understood from the following description, when read in
17	conjunction with the accompanying drawings in which:
18	
19	Figure 1 represents an isometric view of one of the preferred
20	embodiments for surface mount window for doors, object of the present
21	invention.
22	
23	Figure 2 illustrates a cross-sectional view taken along line 2-2 in
24	figure 1.

V. DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

1	V. DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT
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3	Referring now to the drawings, where the present invention is
4	generally referred to with numeral 10, it can be observed that it basically
5	includes transparent panel 20, external frame assembly 40, internal frame
6	assembly 60 and fastening members 80. Transparent panel 20 has external
7	surface 21 and internal surface 21', the latter being smaller than the former.
8	Transparent panel 20 has a peripheral flange 22 defining peripheral
9	underside surface 24 that comes in abutting contact with the external
10	surface of panel P. An opening in panel P has cooperative dimensions to
11	receive through internal surface 21'.
12	
13	Surface 24 is kept against the outer surface of panel P through
14	different methods. One is by using an adhesive (like epoxies). Another
15	method is by using fastening members 80.
16	
17	External and internal frame assemblies 40 and 60 are mounted over
18	the edges of external and internal surfaces 21 and 21', covering the latter.
19	Frame assemblies 40 and 60 also provide a mass for receiving fastening
20	members 80 further securing transparent panel 20 in place.
21	
22	The foregoing description conveys the best understanding of the
23	objectives and advantages of the present invention. Different embodiments
24	may be made of the inventive concept of this invention. It is to be
25	understood that all matter disclosed herein is to be interpreted merely as

illustrative, and not in a limiting sense.

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